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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/539,309	06/16/2005	Jong-Hun Ha	0630-2359PUS1	2656
	7590 06/16/200 ART KOLASCH & BI	EXAMINER		
PO BOX 747	OH 374 22040 0747	HAMO, PATRICK		
FALLS CHURCH, VA 22040-0747			ART UNIT	PAPER NUMBER
		3746		
			NOTIFICATION DATE	DELIVERY MODE
			06/16/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)		
10/539,309	HA ET AL.		
Examiner	Art Unit		
PATRICK HAMO	3746		

	TATTORTIANO	0740
The MAILING DATE of this communication ap	pears on the cover sheet with the	correspondence address
THE REPLY FILED <u>01 June 2009</u> FAILS TO PLACE THIS A	PPLICATION IN CONDITION FOR	ALLOWANCE.
1. The reply was filed after a final rejection, but prior to or application, applicant must timely file one of the following application in condition for allowance; (2) a Notice of Application (RCE) in compliance with 3 periods:	ng replies: (1) an amendment, affida opeal (with appeal fee) in complianc	vit, or other evidence, which places the e with 37 CFR 41.31; or (3) a Request
a) The period for reply expiresmonths from the mai	ling date of the final rejection.	
b) The period for reply expires on: (1) the mailing date of thi no event, however, will the statutory period for reply expir Examiner Note: If box 1 is checked, check either box (a)	e later than SIX MONTHS from the mail or (b). ONLY CHECK BOX (b) WHEN Th	ng date of the final rejection.
MONTHS OF THE FINAL REJECTION. See MPEP 706.0 Extensions of time may be obtained under 37 CFR 1.136(a). The dathave been filed is the date for purposes of determining the period of under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the set forth in (b) above, if checked. Any reply received by the Office lamay reduce any earned patent term adjustment. See 37 CFR 1.704 NOTICE OF APPEAL	ate on which the petition under 37 CFR 1 extension and the corresponding amour the shortened statutory period for reply or ter than three months after the mailing d	at of the fee. The appropriate extension fee ginally set in the final Office action; or (2) as
2. ☐ The Notice of Appeal was filed on A brief in co	mpliance with 37 CFR 41 37 must be	e filed within two months of the date of
filing the Notice of Appeal (37 CFR 41.37(a)), or any ex Notice of Appeal has been filed, any reply must be filed <u>AMENDMENTS</u>	tension thereof (37 CFR 41.37(e)),	to avoid dismissal of the appeal. Since a
 The proposed amendment(s) filed after a final rejection They raise new issues that would require further They raise the issue of new matter (see NOTE be 	consideration and/or search (see N0	
(c) They are not deemed to place the application in to appeal; and/or (d) They present additional claims without canceling	petter form for appeal by materially r	
NOTE: (See 37 CFR 1.116 and 41.33(a		sjected claims.
4. The amendments are not in compliance with 37 CFR 1	• •	ompliant Amendment (PTOL-324).
5. Applicant's reply has overcome the following rejection		. ,
 Newly proposed or amended claim(s) would be non-allowable claim(s). 	allowable if submitted in a separate	•
7. For purposes of appeal, the proposed amendment(s): a how the new or amended claims would be rejected is p The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration:		vill be entered and an explanation of
AFFIDAVIT OR OTHER EVIDENCE		
 The affidavit or other evidence filed after a final action, because applicant failed to provide a showing of good a was not earlier presented. See 37 CFR 1.116(e). 		
9. The affidavit or other evidence filed after the date of filin entered because the affidavit or other evidence failed to showing a good and sufficient reasons why it is necess	o overcome <u>all</u> rejections under app	eal and/or appellant fails to provide a
10. ☐ The affidavit or other evidence is entered. An explana REQUEST FOR RECONSIDERATION/OTHER	tion of the status of the claims after	entry is below or attached.
11. The request for reconsideration has been considered See Continuation Sheet.	but does NOT place the application	in condition for allowance because:
12. ☐ Note the attached Information <i>Disclosure Statement</i>(s13. ☐ Other:). (PTO/SB/08) Paper No(s)	
/Devon C Kramer/ Supervisory Patent Examiner, Art Unit 3746		

Continuation of 11. does NOT place the application in condition for allowance because: Applicant's arguments are not persuasive. First, applicant argues that the reference to Ohmart does not disclose a tight contact structure so that friction taking place in a contact surface of the inner body and outer body due to difference in deformation of the inner body and the outer body reduces noise and vibration generated in the chamber. However, at the surfaces of the bodies where they are welded together, there is a very tight contact surface. Furthermore, as discussed in the final rejection, the inner body deforms more than the outer body, and there will certainly be some friction between the bodies at points they contact as well, as friction between bodies in contact is unavoidable. Then the reduction of noise and vibration is an intended result of this friction, and at least some of the reduction of noise and vibration in the reference to Ohmart may be attributed to the friction, even if other means of vibration and noise reduction are intended.

In regard to claims 21 and 23, the applicant argues that the references do not teach an outer layer with a higher thermal expansion coefficient or higher modulus of strain than the inner layer. However, Licentia (GB '996) was relied on for its teaching of a two-layered compressor shell of different materials. As discussed in the prior rejection in regard to the claimed limitations that outer layer has a higher thermal expansion coefficient and modulus of strain, it would have been an obvious matter of engineering design choice to one skilled in the art in the process of material selection.

In regard to claims 4, 5, 9, 10, 16 and 17, the product by process rejection is upheld. In the art, the act of press-fitting generally assured that the two parts being press-fit do not move in relation to each other. The "loose" fit of the two layers of Ohmart allows for only as much movement as necessary to dampen the vibrational noise, just as the present claimed application allows for movement to convert the vibrational energy to thermal energy. Therefore, the process of press-fitting may be used for the applied reference to form a substantially similar product.

In regard to claim 34, the applicant correctly interpreted the examiner's suggestion that the total length may be determined by straightening the concave and convex portions. If this were done, which seems reasonable to the examiner, it is not clear that the outer wall of Ohmart is shorter than the inner wall. It is not "height" which was claimed, but "length."